

REMARKS

By the present amendment, Claim 1 has been amended. Claims 1 and 3 remain pending in the application with Claim 1 being the sole independent claim. Claims 1 and 3 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Bank '669 (U.S. Patent Application Publication No. 2001/0033669 A1) in view of newly cited Toki (Great Britain Patent Application Publication No. 2 343 811 A).

The Examiner concedes that Bank does not disclose an LCD window or LCD module arranged within a resonant transducer. The Examiner states that Toki suggests these recitations in FIG. 2, on page 2, lines 3-6, from page 2, line 22, through page 3, line 2, and on page 5, lines 1-10. The Examiner asserts that it would have been obvious to modify Bank with the alleged suggestions of Toki.

Claim 1 has been amended to recite, in part, a panel-type speaker mounting structure comprising: an LCD window with a particular size having a first surface exposed on a top end of an upper casing frame of a main body and a second surface facing an interior of the main body; and an LCD module disposed under the LCD window with a gap between the LCD module and the LCD window within the main body, the LCD module having a polarizing plate having an upper surface facing the second surface of the LCD window and a lower surface opposite the upper surface, the polarizing plate having a size greater than the size of the LCD window and being divided into a first portion located adjacent to the LCD window and a second portion extended from the first portion, for mounting a panel-type speaker to the lower surface of the second portion of the polarizing plate, wherein the first portion of the plate has a size no larger than the size of the LCD window and the second portion of the plate has a size greater than a size of the speaker and is extended in a direction below the LCD window away from the LCD window.

Bank '669 merely discloses a resonant element transducer and nowhere discusses the use of the Bank '669 resonant element transducer in any type of arrangement with an LCD window or an LCD module. The Examiner relies on the double beam transducer 42 shown in FIG. 9 of Bank '669

for disclosing all of the recitations of Claim 1 except for an LCD window or LCD module arranged with a resonant element transducer. The transducer 42 in Bank '669 includes a first piezoelectric beam 43 and a second piezoelectric beam 51 that are mounted on a structure 54 via stubs 48 and 56, respectively. Bank '669 nowhere discusses any particular sizes of the beams 43 and 51 with respect to an LCD window or an LCD module, as conceded by the Examiner.

Toki describes a piezoelectric diaphragm with a transparent piezoelectric member and a transparent electrode. The Examiner relies on FIG. 2, page 2, lines 3-6, from page 2, line 22, through page 3, line 2, and page 5, lines 1-10, of Toki for the suggesting the deficiencies of Bank '669. FIG. 2 of Toki shows a piezoelectric diaphragm 45 that includes a transparent electrode pattern 4, and a transparent piezoelectric material 5 fixed on the front face of the LCD body 10 through a diaphragm holding frame 12, and is fixed facing to the LCD transparent member 2 of the mobile communication terminal 1 through a sealing frame 13.

Toki shows in FIG. 3 that the transparent electrode pattern 4, the transparent piezoelectric material 5, the diaphragm holding frame 12, and the sealing frame 13 all have substantially the same size and none are larger than the LCD transparent member 2.

Therefore, Toki fails to supplement the deficiencies of Bank '669 because Bank '669, Toki, or any combination, nowhere suggests a polarizing plate having a size greater than the size of the LCD window and being divided into a first portion located adjacent to the LCD window and a second portion extended from the first portion, for mounting a panel-type speaker to the lower surface of the second portion of the polarizing plate, wherein the first portion of the plate has a size no larger than the size of the LCD window and the second portion of the plate has a size greater than a size of the speaker and is extended in a direction below the LCD window away from the LCD window, as recited in Claim 1.

Accordingly, amended Claim 1 is allowable over Bank '669 and Toki.

While not conceding the patentability of the dependent claims, *per se*, Claim 3 is also allowable for at least the above reasons.

Accordingly, all of the claims pending in the Application, namely, Claims 1 and 3, are in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", is written over the typed name.

Paul J. Farrell
Reg. No. 33,494
Attorney for Applicant

THE FARRELL LAW FIRM
333 Earle Ovington Blvd., Suite 701
Uniondale, New York 11553
Tel: (516) 228-3565
Fax: (516) 228-8475

PJF/TCS/dr